

Title (en)  
Radiation therapy method and device more particularly suitable for implantation

Title (de)  
Methode und Vorrichtung der Bestrahlungstherapie, insbesondere für Implantation

Title (fr)  
Méthode radiothérapeutique et dispositif plus particulièrement destiné à être implanté

Publication  
**EP 0819446 A2 19980121 (EN)**

Application  
**EP 97304916 A 19970704**

Priority  
US 68544796 A 19960719

Abstract (en)  
An implantable medical device is used to deliver a dosage of radiation to a localized site within a patient. The device is coated with a chelator selected for its bonding affinity with a specific radioisotope. A base layer and optionally a spacer layer is first applied to the device to provide a proper foundation for the chelator. Just prior to implantation, the device is immersed in a solution of the radioisotope which enables a preselected amount of such radioisotope to be adsorbed. <IMAGE>

IPC 1-7  
**A61N 5/10**

IPC 8 full level  
**A61B 17/00** (2006.01); **A61F 2/82** (2006.01); **A61K 51/12** (2006.01); **A61M 36/12** (2006.01); **A61N 5/10** (2006.01); **A61F 2/00** (2006.01); **A61F 2/06** (2006.01); **A61F 2/90** (2006.01)

CPC (source: EP US)  
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Citation (applicant)  
US 5569295 A 19961029 - LAM SHARON S [US]

Cited by  
EP0955016A3; DE19819426A1; EP1321155A3; FR2797175A1; US6129658A; US2017203011A1; US6231495B1; US6626815B1; US6491617B1; US6224536B1; US6712846B1; WO9848850A1; WO2017031065A1; WO0149358A1; WO9929354A3; WO0045892A1; WO9848852A3; EP3659634A1; US11752019B2; WO2006056984A3; WO9902195A3; WO0114617A1; WO9857706A1; WO9848851A3; US10772994B2; EP3192534B1

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DOCDB simple family (application)  
**EP 97304916 A 19970704**; AU 2354197 A 19970521; CA 2206394 A 19970527; JP 19590897 A 19970722; MX 9705373 A 19970716; US 24763299 A 19990210; US 68544796 A 19960719